**HELIOS** RESINS | **ATCOAT**

# ATRELUX UV100
## Dual Cure Hardening Oil Modified with Natural Fatty Acids

### Specification:

| Property | Range | Method / According to standard |
|---|---|---|
| Non-volatile matter | 96 - 100% | AA KH 10-055-1 |
| Viscosity, 20 ℃ (4 mm) | 40 - 60 sec. | AA HL 10-07-1 |
| Colour (Lovibond) | max. 8 | AA KH 10-053-0 |

### Typical properties:

| Property | Value |
|---|---|
| Density | 1.08 kg/L |
| Functionality | 4 (UV) |
| Bio-based content on solid | 30% |

### Remarks:

≫ The bio-based content is 30% of the dry matter by the Carbon-14 method.
≫ Atrelux UV100 has a very low viscosity.

### Applications:

≫ Used for used for primers, top coats and fillers especially on wood applications, with very good
≫ adhesion on wood.
≫ It is suitable for application with roller in normal and reverse line.
≫ It has an oxidative drying mechanism – with max. 72 h drying time using siccatives and an UV hardening with Hg dotated lamps with 80 W/cm and 120 - 300 $mJ/cm^2$ dosage.

### Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.
Only light/UV-impermeable containers are suitable for transport, while storage in iron containers and the accumulation of electrostatic charges should be avoided.